

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043016.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 19:38
 Operator : UA/NP
 Sample : PB145771BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145771BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 02:19:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.649	6904062	45.180 ug/mlm
Spiked Amount 50.000		Recovery =	90.36%
6) S 2-Fluorobiphenyl (SURR)	8.515	4577299	44.507 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.01%
11) S ortho-Terphenyl (SURR)	11.563	6377217	35.923 ug/ml
Spiked Amount 50.000		Recovery =	71.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	5436144	32.469 ug/mlm
2) T Naphthalene (C11.7)	5.983	5994978	34.674 ug/ml
3) T 2-Methylnaphthalene (...)	7.037	6116772	38.357 ug/ml
5) T Acenaphthylene (C15.06)	8.317	5899722	34.147 ug/mlm
7) T Acenaphthene (C15.5)	8.615	6355516	36.936 ug/mlm
8) T Flouorene (C16.55)	9.398	6513266	38.796 ug/ml
9) T Phenanthrene (C19.36)	10.798	6443351	39.183 ug/ml
10) T Anthracene (C19.43)	10.873	6361505	41.621 ug/ml
12) T Fluoranthene (C21.85)	12.614	6238309	39.597 ug/ml
13) T Pyrene (C20.8)	12.912	6221089	39.959 ug/ml
14) T Benzo[a]anthracene (C...	14.787	5988052	44.910 ug/ml
15) T Chrysene (C27.41)	14.831	7062110	53.453 ug/ml
16) T benzo[b]fluoranthene ...	16.341	6102063	45.806 ug/ml
17) T Bnezo[k]fluoranthene ...	16.376	5938904	47.950 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	5479140	44.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.091	5977384	53.627 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	5612690	50.458 ug/ml
21) T Benzo[g,h,i]perylene ...	18.348	5704692	47.997 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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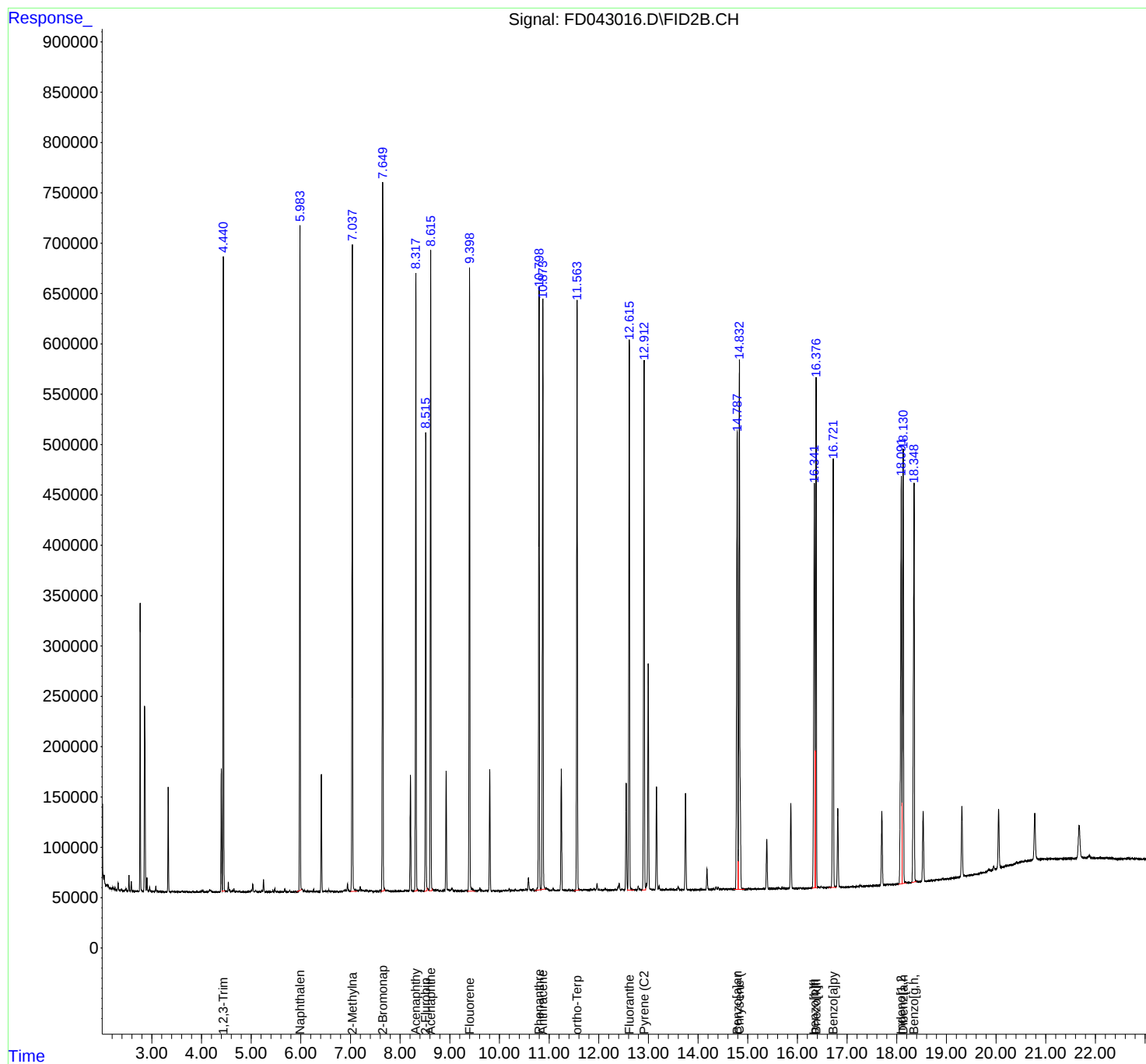
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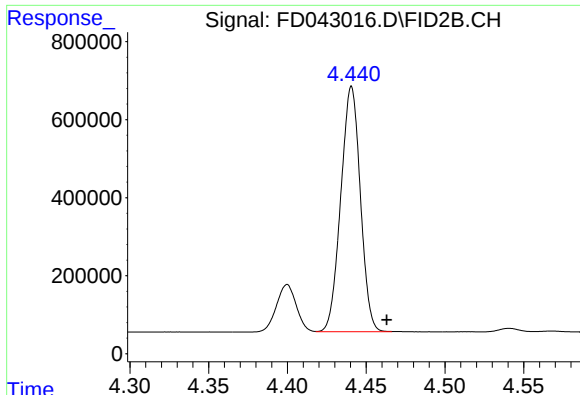
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min
Delta R.T.: -0.023 min
Response: 5436144
Conc: 32.47 ug/ml

Instrument :

FID_D

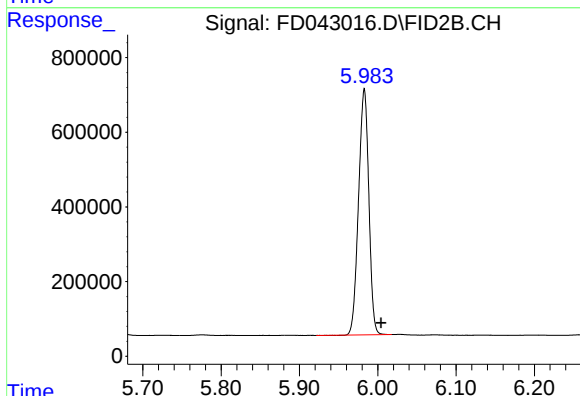
ClientSampleId :

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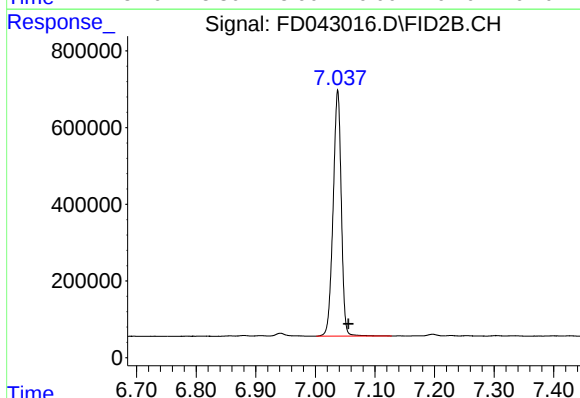
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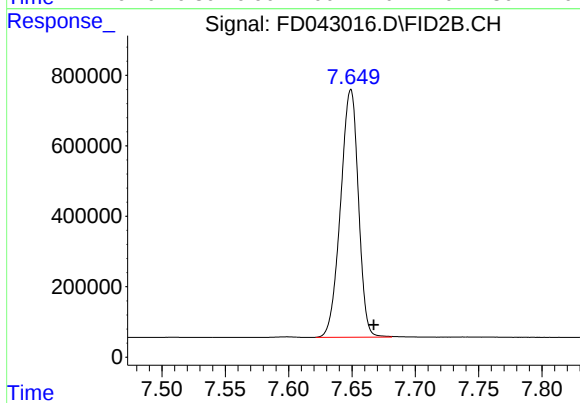
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.021 min
Response: 5994978
Conc: 34.67 ug/ml



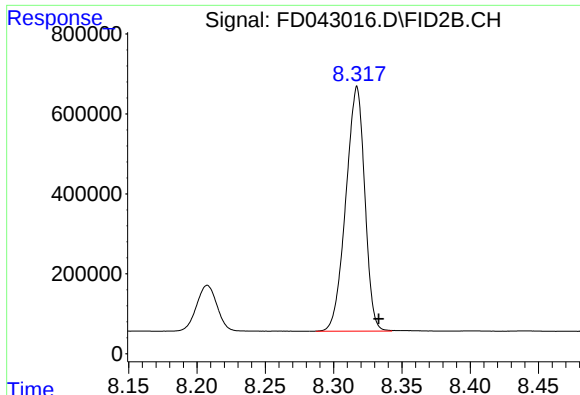
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: -0.018 min
Response: 6116772
Conc: 38.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.649 min
Delta R.T.: -0.018 min
Response: 6904062
Conc: 45.18 ug/ml m



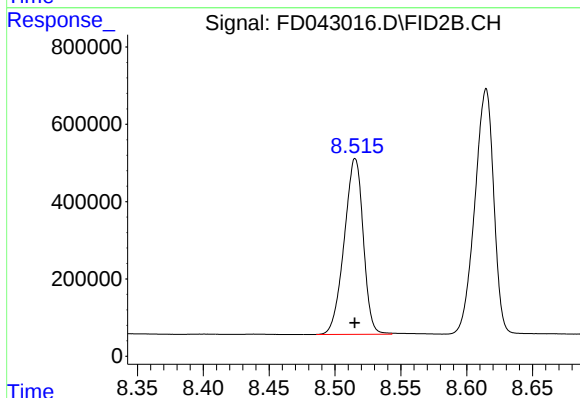
#5 Acenaphthylene (C15.06)

R.T.: 8.317 min
Delta R.T.: -0.016 min
Response: 5899722
Conc: 34.15 ug/ml

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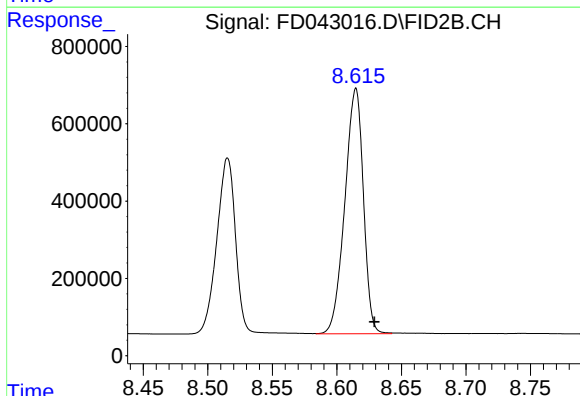
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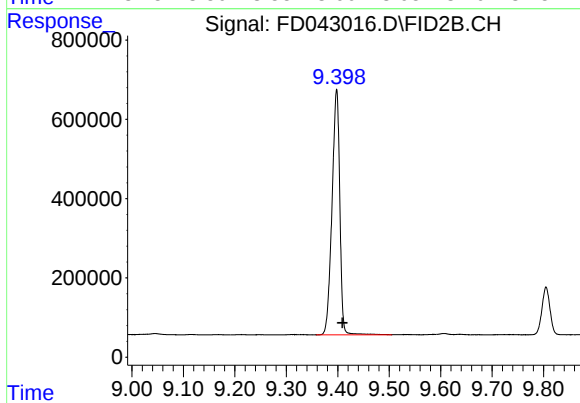
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: 0.000 min
Response: 4577299
Conc: 44.51 ug/ml m



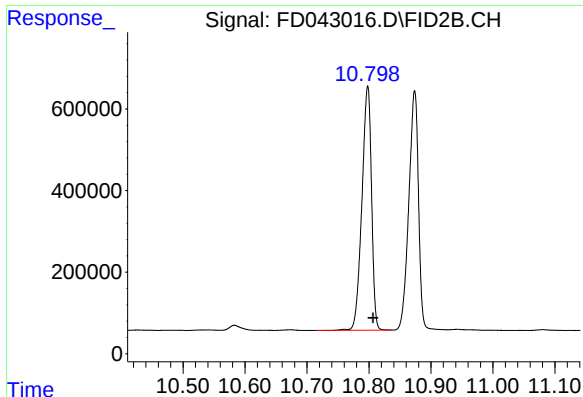
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.014 min
Response: 6355516
Conc: 36.94 ug/ml m



#8 Fluorene (C16.55)

R.T.: 9.398 min
Delta R.T.: -0.012 min
Response: 6513266
Conc: 38.80 ug/ml



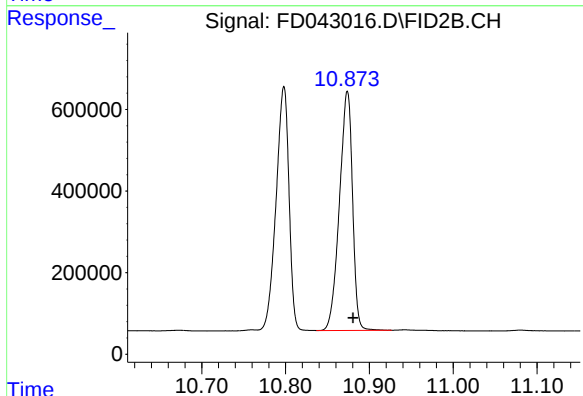
#9 Phenanthrene (C19.36)

R.T.: 10.798 min
Delta R.T.: -0.009 min
Response: 6443351
Conc: 39.18 ug/ml

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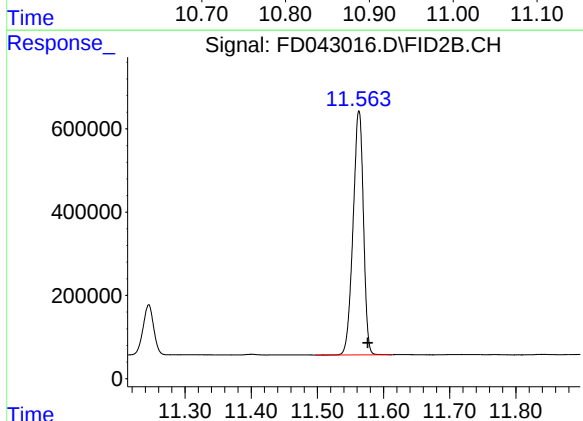
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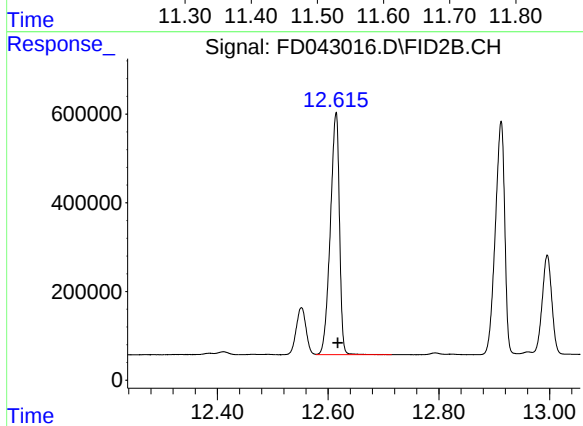
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.007 min
Response: 6361505
Conc: 41.62 ug/ml



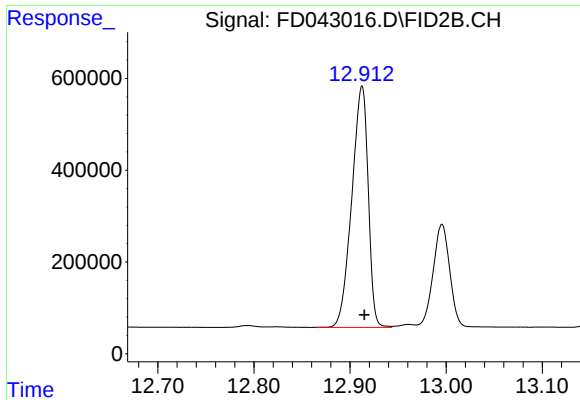
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.013 min
Response: 6377217
Conc: 35.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.614 min
Delta R.T.: -0.004 min
Response: 6238309
Conc: 39.60 ug/ml



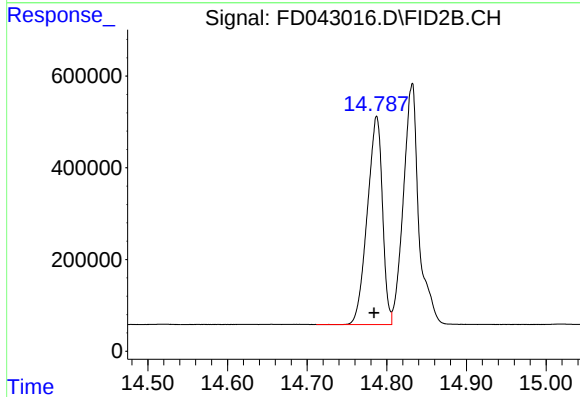
#13 Pyrene (C20.8)

R.T.: 12.912 min
Delta R.T.: -0.003 min
Response: 6221089
Conc: 39.96 ug/ml

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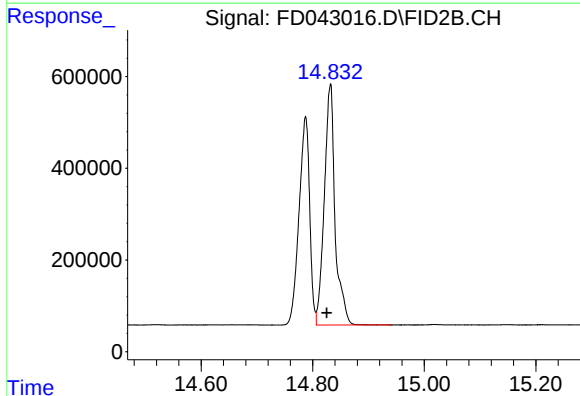
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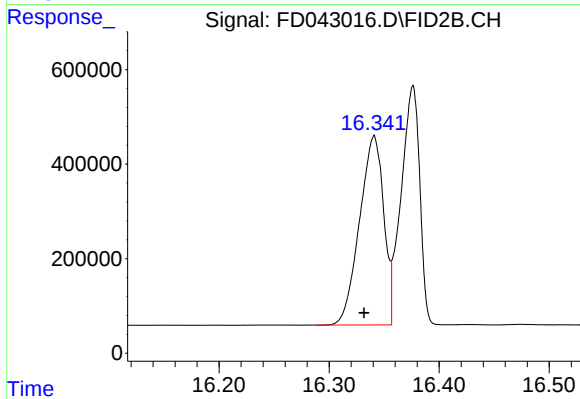
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.003 min
Response: 5988052
Conc: 44.91 ug/ml



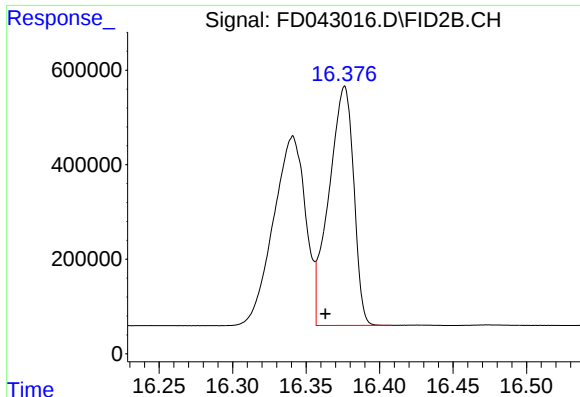
#15 Chrysene (C27.41)

R.T.: 14.831 min
Delta R.T.: 0.006 min
Response: 7062110
Conc: 53.45 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.341 min
Delta R.T.: 0.009 min
Response: 6102063
Conc: 45.81 ug/ml



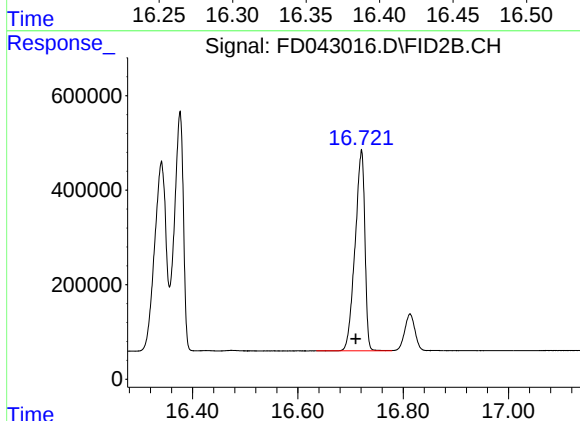
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.376 min
Delta R.T.: 0.012 min
Response: 5938904
Conc: 47.95 ug/ml

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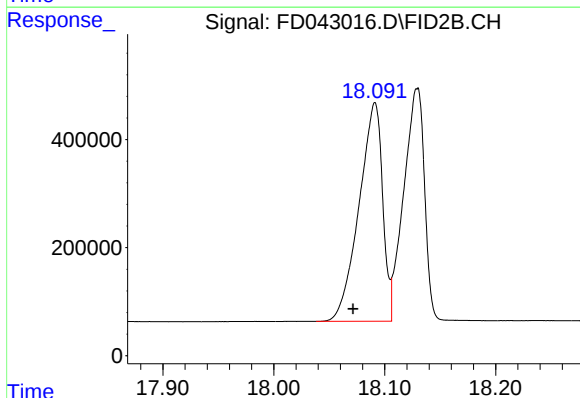
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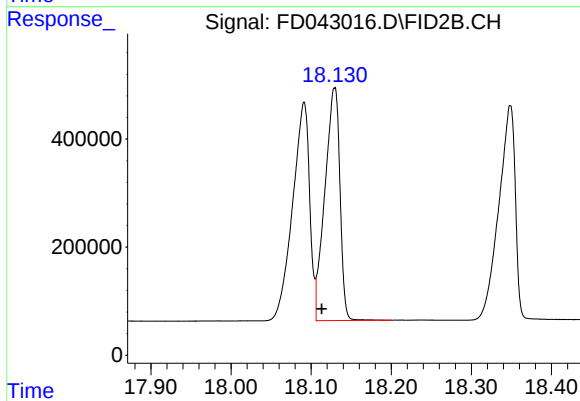
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: 0.010 min
Response: 5479140
Conc: 44.27 ug/ml



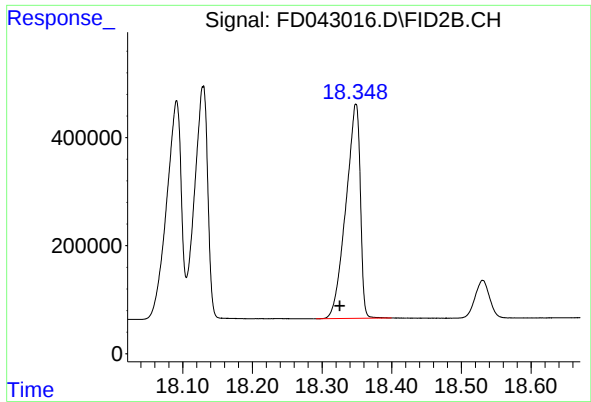
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.091 min
Delta R.T.: 0.019 min
Response: 5977384
Conc: 53.63 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.129 min
Delta R.T.: 0.015 min
Response: 5612690
Conc: 50.46 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.348 min
Delta R.T.: 0.023 min
Response: 5704692
Conc: 48.00 ug/ml

Instrument :

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